

**Tasmania**



**1986-87**  
**INDUSTRIAL ACCIDENTS**  
**TASMANIA**

**Catalogue No. 6301.6**



**INQUIRIES**

Inquiries concerning these statistics may be made by telephoning Hobart (002) 20 5836 (Mr M. Raine).  
For other general inquiries including copies of publications, telephone the Information Officer on  
Hobart (002) 205 890.  
The Tasmanian Office of the Bureau is located on the 1st floor, 175 Collins Street, Hobart  
(002) 205 890.

**AUSTRALIAN BUREAU OF STATISTICS  
HOBART, TASMANIA**

Table	Page
.. Explanatory notes, related publications, symbols and other usages .. .. .	1-2
.. Summary of findings .. .. .	3-5
1a Summary : Extent of disability and time lost, 1979-80 to 1986-87 .. .. .	6
1b Summary : Percentage distribution and incidence rates by industry .. .. .	6
2 Industry group by - Extent of disability, time lost and cost of claims; by sex .. .. .	7-9
3 - Agency of accident .. .. .	10
4 - Type of accident .. .. .	11-12
5 - Nature of injury .. .. .	13-15
6 - Occurrence of accident by result .. .. .	16
7 - Month of occurrence .. .. .	17
8 Type of accident by agency of accident by result; by sex .. .. .	18
9 Nature of injury by - Type of accident .. .. .	19-20
10 .. .. .	21
11 .. .. .	22
12 Agency and type of accident .. .. .	23
13 Nature of injury by sex by .. .. .	24
14 Industry group by sex by age .. .. .	25
15 Occupation group by agency of .. .. .	26

**INDUSTRIAL ACCIDENTS  
TASMANIA  
1986-87**

175 Collins Street, Hobart  
AUGUST 1988

STUART JACKSON  
Deputy Commonwealth Statistician  
and  
Government Statistician of Tasmania

Industries concerning these statistics may be made by telephoning Hobart (005) 20 5836 (Mr. M. Raine).  
For other general industries including copies of publications, telephone the Information Officer on  
Hobart (005) 205 800.  
The Tasmanian Office of the Bureau is located on the 1st floor, 125 Collins Street, Hobart.  
(GPO Box 888, Hobart, 7001)

# INDUSTRIES

## INDUSTRIES CONTENTS

Page	Table
1-1	..
1-2	..
6	14
6	15
7-9	16
10	17
11-12	18
13-15	19
16	20
17	21
18	22
19-20	23
21	24
22	25
23	26
24	27
25	28
26	29



## EXPLANATORY NOTES

### Introduction

This bulletin presents statistics of Tasmanian industrial accidents compiled from reports of workers' compensation claims for accidents occurring during 1986-87. The reports are submitted by insurance companies, self-insurers and State Government departments.

2. Close liaison has been established by the ABS with insurers for the purpose of achieving and maintaining coverage and accuracy in the collection and co-operation has generally been good. In the past, however, there was no effective way of checking to ensure that reports were received for all claims coming within the scope of the collection. Caution should therefore be used in drawing any conclusions regarding the trend in the statistics over time. The principal value of the statistics lies in the detailed analysis which has been carried out to show accidents classified by industry group, occupation group, agency of accident, type of accident, nature of injury, site of injury, month of occurrence, age group and time lost.

### Scope of the collection

3. The statistics represent industrial accidents reported by insurers as occurring during 1986-87. For those industrial accidents which occurred in 1986-87, but which had not been fully resolved by 31 October 1987, an estimate of time lost and compensation to be paid is obtained from insurers.

4. The statistics relate to persons covered under the Tasmanian Workers' Compensation Act 1927, plus State police officers. Notable exclusions are self-employed persons and all Australian Government employees. Exclusion of self-employed persons is likely to have a marked effect on figures for industries where self-employment is prevalent (e.g. retail trade, rural industries). Because of the exclusion of Australian Government employees, some industry classifications are not covered at all (e.g. defence services and communications), while coverage is reduced in other industries.

5. The tables in this bulletin cover industrial accidents involving original claims only. During 1986-87 71 industrial accident returns involving re-opened claims were received by the ABS. These claims involved an estimated additional cost of \$220 546.

### Definitions

6. For the purpose of this collection the following definitions have been adopted:

**Industrial accident:** A compensatable claim under the Workers' Compensation Act 1927 that arises out of a work related event and leads to a loss of time of one day (shift) or more (not including the day of the accident), and/or permanent total incapacity or death, and involves a claim for payment, under the Workers' Compensation Act 1927. Note: if the claim is a re-opened claim then additional time-off may or may not be involved. Normally it will be. Industrial accidents include industrial disease cases.

**Type of accident:** Is defined by the International Labour Office as: (i) the manner of contact of the injured person with the object or substance; or (ii) the exposure or movement of the injured person which resulted in the injury. In some cases the choice between (i) and (ii) may give rise to conflict e.g. worker falls from ladder and grabs a hot pipe to prevent the fall. According to (i) the type of accident would be contact with hot substance or object; to (ii) type of accident would be fall from height. In such situations the type of accident is selected according to which event caused the more severe injury.

**Agency of accident:** Is the object, substance or circumstance most closely associated with the injury and which in general could have been guarded against or corrected. A distinction should be made between the agency of injury and agency of accident, e.g. a fire damp explosion and a miner crushed by a falling beam. The agency of injury is the beam but the agency of accident is the material responsible for the fire damp explosion. The agency of accident is classified according to Agency of Accident Classification.

**Cost of claims:** Includes compensation for wages lost and for hospital and medical expenses; and lump sum settlements of cases reported as occurring during the year. Where final details are not available insurers are asked to provide estimates. This is most likely to occur in those cases involving fatalities or serious injuries. Care must be taken before drawing conclusions based on variations in cost of claims patterns.

**Time lost:** Is the period of time between the date ceased work due to the accident and the date resumed or declared fit to resume work. In the case where several periods of absence occur it is the sum of those periods. It includes paid days off but may also include weekends etc. An injured party may not necessarily be prevented from working in a second job during this period.



- Extent of disability:
- (i) A temporary disability is defined as the result of an accident where the injuries sustained do not prevent the person from continuing to work in his or her normal occupation.
  - (ii) If an injury forces the worker, through incapacity, to change occupation with a consequent loss of earnings, the injury is defined as resulting in permanent partial disability.
  - (iii) A permanent total disability results from an injury that renders the person totally and permanently unfit for any type of work.
  - (iv) A death is recorded if it is directly attributable to the injuries sustained.

Industry: Classified in accordance with the Australian Standard Industrial Classification (ASIC) 1983 Edition.

Occupation: Classified in accordance with the 1981 Population Census Classification of Occupation.

Original claim: Cases which involve the first claim against the insurer for compensation for an industrial accident or industrial disease case.

Re-opened claim: Cases previously closed in which the insurer accepts that further incapacity or additional medical treatment etc. was attributable to the original accident.

Rate of incidence: Is the number of accidents or diseases reported per 1 000 mean employed wage and salary earners (adjusted to exclude Australian Government employees).

#### Additional Information

7. Additional details are readily available by sex for those tables for which persons only are shown in this bulletin. A more detailed industry split is also available. In addition, ad hoc tables can be produced on request using, as parameters, any of the data items supplied on the industrial accident reports.

#### Related Publications:

Industrial Accidents Queensland (6301.3), annual.

Industrial Accidents, South Australia (6301.4), annual.

Industrial Accidents, Western Australia (6301.5), annual.

8. All publications produced by the ABS are listed in the annual Catalogue of Publications (1101.0) which is available free of charge from any ABS Office.

#### Symbols and Other Usages

9. The following standard symbols are used in this publication:

- n.a. not available for separate publication but included in totals where applicable
- nil or less than half the unit shown



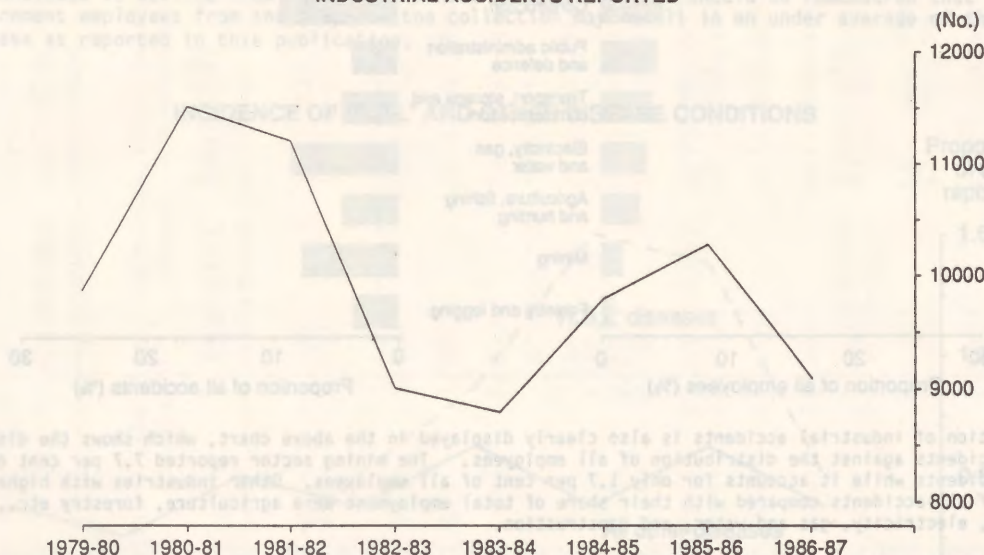
# SUMMARY OF FINDINGS

9 090 industrial accidents and diseases were reported as occurring in Tasmania during 1986-87, a fall from the 10 275 reported in 1985-86. Of the 9 090 cases reported, 8 953 related to accidents while 137 related to diseases.

Incidence of industrial accidents among males fell by 10.3 per cent from 8 732 in 1985-86 to 7 853 in 1986-87. For females, the number of accidents reported fell by 18.7 per cent from 1 543 to 1 255 over the same period.

As the graph below shows, it is difficult to discern any significant trend in the numbers of industrial accidents reported over the last 8 years, especially over the last 2 to 3 years.

## INDUSTRIAL ACCIDENTS REPORTED



Industrial accidents accounted for 9 deaths in Tasmania during 1986-87. In addition, 15 persons were permanently and totally disabled and 47 persons were permanently and partially disabled as a result of industrial accidents.

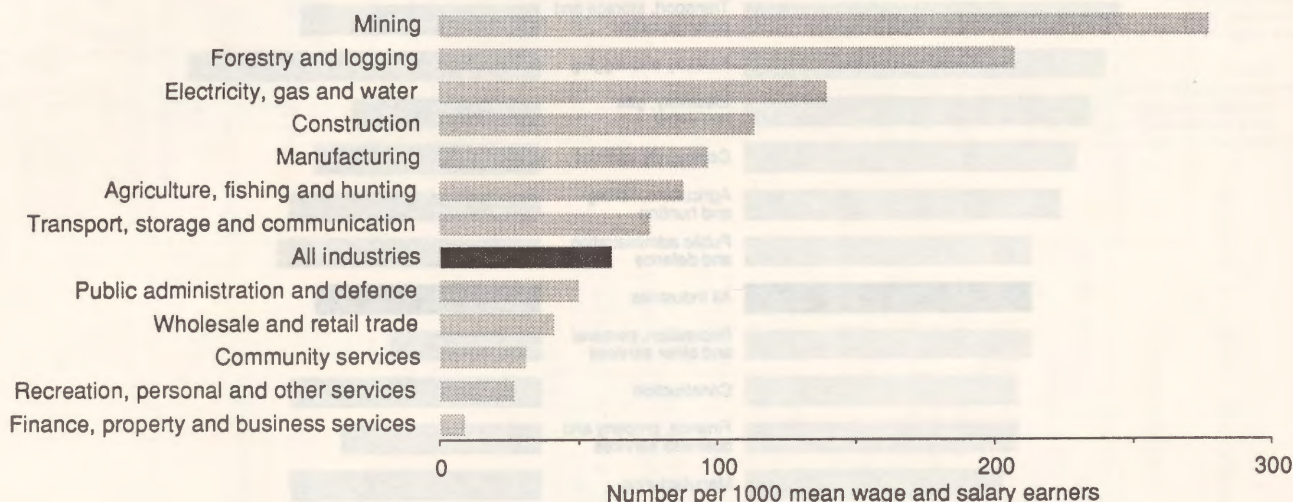
The cost of industrial accidents can be measured in two ways - either by the time lost as a result of the accident or by the compensation paid.

In terms of time lost, industrial accidents were responsible for the loss of 170 803 days, an average of 19 days lost for every accident reported. For accidents involving males, the average time lost was 18 days while for females it was higher at 23 days lost.

In terms of compensation and other lump sum payments made, industrial accidents in Tasmania cost \$16.9m, or an average of \$1 809 for each non-fatal accident. The costs of accidents involving males and females were similar at \$1 798 and \$1 876 respectively.

## Distribution of Industrial Accidents by Industry

### INDUSTRIAL ACCIDENTS BY INDUSTRY

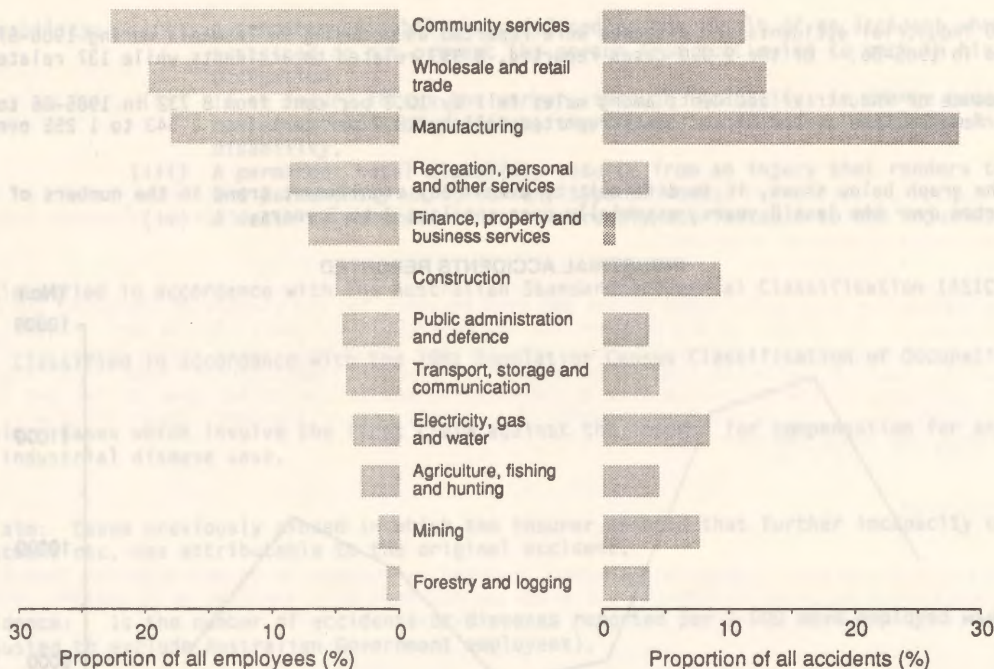


For Tasmania, industrial accidents affected 62 in every 1 000 employees across all industries. In the mining sector, however, the rate of industrial accidents in 1986-87 was 278 per 1 000 employees. Other sectors with high incidence of industrial accidents were the forestry and logging industry (208 accidents per 1 000 employees), electricity, gas and water (140) and construction (114).

Those sectors of the Tasmanian economy with low incidence of industrial accidents were the service industries. There were 9 accidents per 1 000 employees in the finance, property and business service sector, 27 in the recreation, personal and other service sector and 31 in the community services industry.



# INDUSTRY GROUP OF ACCIDENTS



The concentration of industrial accidents is also clearly displayed in the above chart, which shows the distribution of industrial accidents against the distribution of all employees. The mining sector reported 7.7 per cent of all industrial accidents while it accounts for only 1.7 per cent of all employees. Other industries with higher proportions of all accidents compared with their share of total employment were agriculture, forestry etc., manufacturing, electricity, gas and water, and construction.

Conversely, the service sector which accounts for 43.3 per cent of all employment, contributed only 19.7 per cent of all industrial accidents.

## Agency of accident

37 per cent of all industrial accidents in 1986-87 involved the use of chemicals and other materials and substances. 40.6 per cent of accidents involved the use of equipment: 6.9 per cent involving machinery, 11.4 per cent involving lifting equipment and means of transport, and the remaining 22.3 per cent, other equipment. The other large agency of accident was the working environment, which accounted for 14.9 per cent of all accidents.

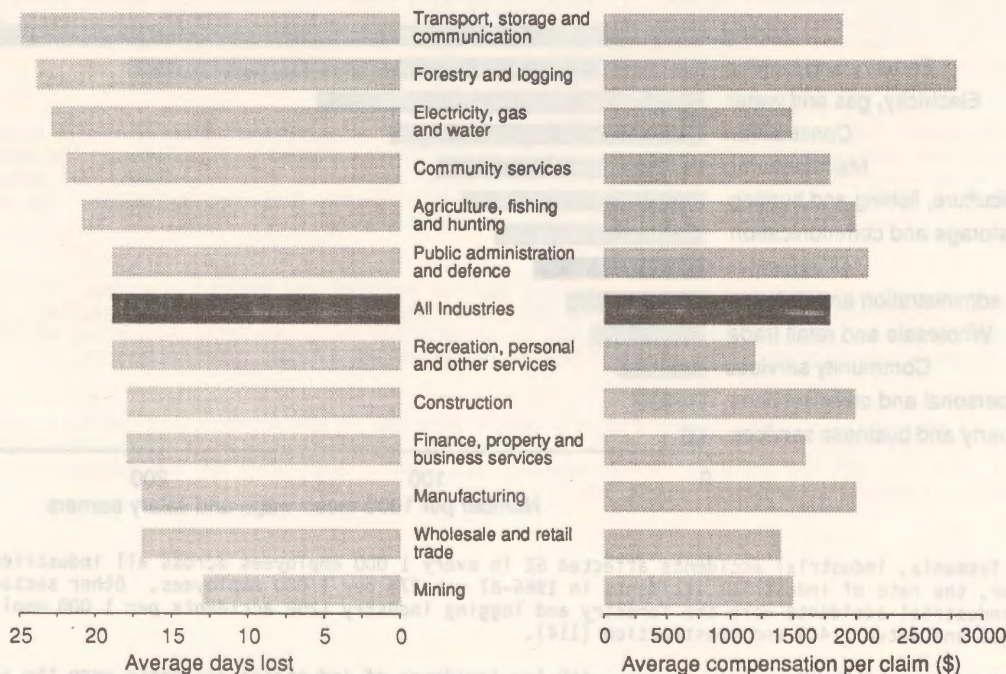
## Type of accident

35.6 per cent of industrial accidents related to contact with another object; 28.1 per cent were caused by over-exertion or physical stress movement; and 19.7 per cent of all accidents involved the fall of a person.

## Nature of injury

42.4 per cent of all industrial accidents resulted in injuries involving sprains and/or strains. 20.4 per cent of accidents resulted in bruising and/or crushing while a further 18.1 per cent involved were responsible for open wounds.

# DAYS LOST AND COMPENSATION PAID



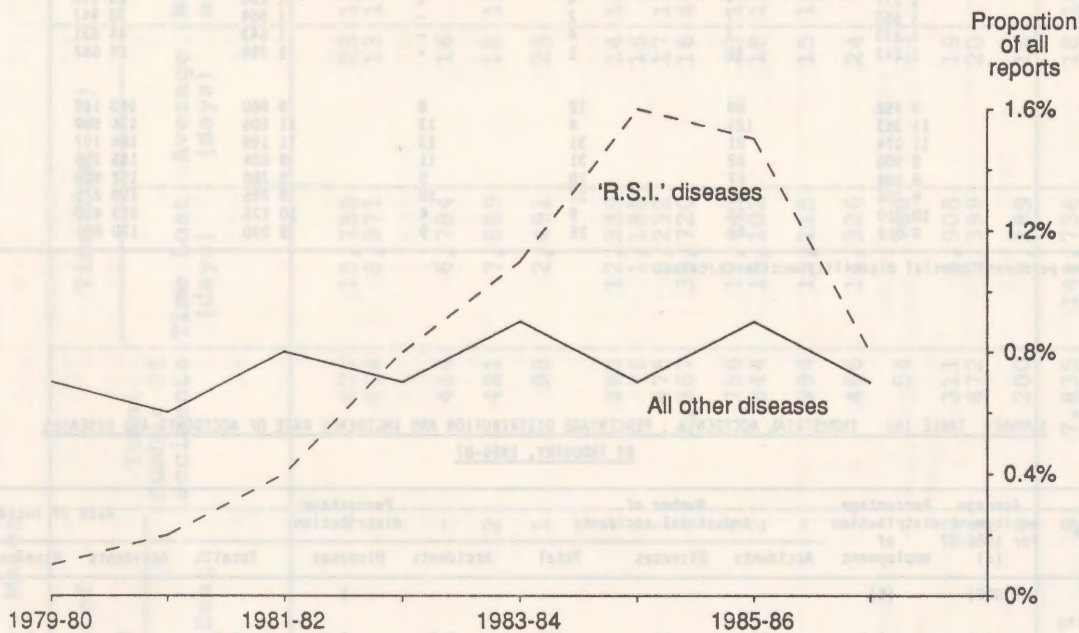
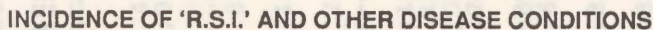


Although the incidence of industrial accidents in the mining industry is high, the average cost of those accidents is substantially lower than for most other sectors. On average, for each accident in the mining sector, 13 days were lost and \$1 497 was paid in compensation, lower than the average for all industries of 19 days and \$1 809.

In terms of days lost, accidents in the forestry and logging (24), electricity, gas and water (23), transport, storage and communication (25) and community services (22) sectors were the most costly. In terms of average compensation paid, accidents in forestry and logging (\$2 791), manufacturing (\$1 964), construction (\$2 019) and public administration and defence (\$2 094) were well above the average for all industries.

## Industrial diseases

The incidence of industrial diseases dropped from 2.4 per cent of all claims in 1985-86 to 1.5 per cent in 1986-87. The main contributor to industrial disease, the Repetitive Strain Injury types of disease (54 per cent of all diseases) continued to decline from the peak reported in 1983-84. It should be remembered that the absence of Australian Government employees from the scope of the collection may result in an under average of the incidence of industrial disease as reported in this publication.



## Journey Cases

Of all cases reported during the year, 3.5 per cent (317 cases) were accidents that occurred when travelling to or from work. These resulted in 1 536 weeks off work and a total cost of \$1.3m. At an average of \$3 154 for each claim, they were considerably more costly than disease claims (\$2 709) and accident claims (\$1 746).



SUMMARY TABLE 1a: INDUSTRIAL ACCIDENTS : EXTENT OF DISABILITY AND TIME LOST  
1979-80 TO 1986-87

Collection year	Number of accidents by extent of disability				Total number of accidents	Time lost (a)	
	Temporary	Permanent partial	Permanent total	Death		Total days	Average (days)
Males							
1979-80	8 921	80	10	7	9 018	143 116	16
1980-81	10 178	113	3	11	10 305	154 092	15
1981-82	9 779	75	25	11	9 890	156 120	16
1982-83	7 681	56	24	10	7 771	138 721	18
1983-84	7 417	63	14	8	7 502	129 810	17
1984-85	8 156	45	20	10	8 231	159 328	19
1985-86	8 678	45	5	4	8 732	168 579	19
1986-87	7 776	36	14	9	7 835	141 736	18
Females							
1979-80	831	8	2	1	842	16 997	20
1980-81	1 185	12	1	2	1 200	22 497	19
1981-82	1 295	6	6	2	1 309	30 077	23
1982-83	1 219	6	7	1	1 233	26 675	22
1983-84	1 277	4	4	1	1 286	23 110	18
1984-85	1 550	7	7	-	1 564	38 947	25
1985-86	1 532	7	4	-	1 543	44 831	29
1986-87	1 243	11	1	-	1 255	29 067	23
Persons							
1979-80	9 752	88	12	8	9 860	160 113	16
1980-81	11 363	125	4	13	11 505	176 589	15
1981-82	11 074	81	31	13	11 199	186 197	17
1982-83	8 900	62	31	11	9 004	165 396	18
1983-84	8 694	67	18	9	8 788	152 920	17
1984-85	9 706	52	27	10	9 795	198 275	20
1985-86	10 210	52	9	4	10 275	213 410	21
1986-87	9 019	47	15	9	9 090	170 803	19

(a) Temporary and permanent partial disability accidents/cases.

SUMMARY TABLE 1b: INDUSTRIAL ACCIDENTS : PERCENTAGE DISTRIBUTION AND INCIDENCE RATE OF ACCIDENTS AND DISEASES  
BY INDUSTRY, 1986-87

Industry group	Average employment for 1986-87 (a)	Percentage distribution of employment (%)	Number of industrial accidents			Percentage distribution			Rate of incidence (b)		
			Accidents	Diseases	Total	Accidents	Diseases	Total	Accidents	Diseases	Total
	('000)	(%)					%				
Agriculture, fishing and hunting	4.6	3.1	396	11	407	4.4	8.0	4.5	86	2.4	88
Forestry and logging	1.6	1.1	327	6	333	3.7	4.4	3.7	204	3.8	208
Mining	2.5	1.7	692	4	696	7.7	2.9	7.7	277	1.6	278
Manufacturing	26.5	18.1	2 529	40	2 569	28.2	29.2	28.3	95	1.5	97
Electricity, gas and water	5.5	3.7	761	9	770	8.5	6.6	8.5	138	1.6	140
Construction	7.5	5.1	840	12	852	9.4	8.8	9.4	112	1.6	114
Wholesale and retail trade	29.1	19.8	1 170	13	1 183	13.1	9.5	13.0	40	0.4	41
Transport, storage and communications	6.3	4.3	471	9	480	5.3	6.6	5.3	75	1.4	76
Finance, property and business services	10.5	7.2	93	2	95	1.0	1.5	1.0	9	0.2	9
Public administration and defence	6.8	4.6	331	7	338	3.7	5.1	3.7	49	1.0	50
Community Services	33.4	22.8	1 017	12	1 029	11.4	8.8	11.3	30	0.4	31
Recreation, personal and other services	12.7	8.7	326	12	338	3.6	8.8	3.7	26	0.9	27
<b>Total</b>	<b>146.8</b>	<b>100.0</b>	<b>8 953</b>	<b>137</b>	<b>9 090</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>61</b>	<b>0.9</b>	<b>62</b>

(a) Average employment of wage and salary earners is derived by averaging quarterly estimates of wage and salary earners from the Labour Force Survey, less Commonwealth employees obtained from the Survey of Employment and Earnings for each industry group.

(b) Rate of incidence is the number of accidents or diseases per 1 000 mean employed wage and salary earners.



TABLE 2 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY DISABILITY AND TIME LOST AND COST OF CLAIMS 1986-87

Males										
Industry	Number of accidents by extent of disability				Total number of accidents	Time lost (a)		Cost of claims		
	Temporary	Permanent partial	Permanent total	Death		Time Lost (days)	Average (days)	Non-fatal accidents (\$)	Fatal accidents (\$)	Average per non-fatal accident (\$)
Agriculture, forestry, fishing and hunting...	671	4	2	-	677	15,755	23	1,473,282	-	2,176
Mining.....	694	-	-	-	694	8,971	13	1,041,430	-	1,501
Manufacturing of										
-food, beverages and tobacco.....	410	3	1	-	414	6,784	16	888,980	-	2,147
-wood, wood products and furniture.....	413	5	1	2	421	7,689	18	1,151,426	n.a.	2,748
-non-metallic mineral products.....	95	1	1	1	98	2,491	26	285,635	n.a.	2,945
-basic metal products and fabricated metal products.....	881	2	-	-	883	12,339	14	1,187,288	-	1,345
-transport equipment..	75	1	-	-	76	1,185	16	150,103	-	1,975
-miscellaneous.....	469	3	2	1	475	8,232	17	1,038,852	n.a.	2,192
Total Manufacturing....	2,343	15	5	4	2,367	38,720	16	4,702,284	206,062	1,990
Electricity, gas and water.....	756	-	-	-	756	17,443	23	1,093,373	-	1,446
Construction.....	835	4	3	2	844	15,102	18	1,695,400	n.a.	2,014
Wholesale and retail trade.....	985	7	2	-	994	15,115	15	1,346,205	-	1,354
Transport, storage and communication.....	462	2	1	1	466	11,326	24	898,188	n.a.	1,932
Finance, property and business services.....	54	-	-	-	54	708	13	56,185	-	1,040
Public administration and defence.....	307	2	-	2	311	5,908	19	670,900	n.a.	2,171
Community services.....	470	1	1	-	472	9,399	20	855,963	-	1,813
Recreation, personal and other services.....	199	1	-	-	200	3,289	16	240,713	-	1,204
All industries.....	7,776	36	14	9	7,835	141,736	18	14,073,923	434,456	1,798

See footnote at end of table



TABLE 2 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY DISABILITY AND TIME LOST AND COST OF CLAIMS 1986-87-Continued

Females										
Industry	Number of accidents by extent of disability				Total number of accidents	Time lost (a)		Cost of claims		
	Temporary	Permanent partial	Permanent total	Death		Time Lost (days)	Average (days)	Non-fatal accidents (\$)	Fatal accidents (\$)	Average per non-fatal accident (\$)
Agriculture, forestry, fishing and hunting...	62	-	1	-	63	732	12	290,139	-	4,605
Mining.....	2	-	-	-	2	8	4	573	-	287
Manufacturing of										
-food, beverages and tobacco.....	91	1	-	-	92	1,459	16	135,761	-	1,476
-wood, wood products and furniture.....	3	-	-	-	3	37	12	1,502	-	501
-non-metallic mineral products.....	-	-	-	-	-	-	-	-	-	-
-basic metal products and fabricated metal products.....	4	-	-	-	4	57	14	3,185	-	796
-transport equipment..	11	-	-	-	11	57	5	5,053	-	459
-miscellaneous.....	92	-	-	-	92	2,084	23	197,870	-	2,151
Total Manufacturing.....	201	1	-	-	202	3,694	18	343,371	-	1,700
Electricity, gas and water.....	14	-	-	-	14	461	33	25,087	-	1,792
Construction.....	8	-	-	-	8	138	17	20,587	-	2,573
Wholesale and retail trade.....	185	4	-	-	189	5,483	29	303,006	-	1,603
Transport, storage and communication.....	14	-	-	-	14	519	37	34,526	-	2,466
Finance, property and business services.....	41	-	-	-	41	982	24	96,198	-	2,346
Public administration and defence.....	27	-	-	-	27	323	12	32,797	-	1,215
Community services.....	556	1	-	-	557	13,432	24	1,036,204	-	1,860
Recreation, personal and other services.....	133	5	-	-	138	3,295	24	171,921	-	1,246
All industries.....	1,243	11	1	-	1,255	29,067	23	2,354,409	-	1,876

See footnote at end of table



TABLE 2 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY DISABILITY AND TIME LOST AND COST OF CLAIMS 1986-87-Continued

Persons

Industry	Number of accidents by extent of disability				Total number of accidents	Time lost (a)		Cost of claims		
	Temporary	Permanent partial	Permanent total	Death		Time Lost (days)	Average (days)	Non-fatal accidents (\$)	Fatal accidents (\$)	Average per non-fatal accident (\$)
Agriculture, forestry, fishing and hunting...	733	4	3	-	740	16,487	22	1,763,421	-	2,383
Mining.....	696	-	-	-	696	8,979	13	1,042,003	-	1,497
Manufacturing of										
-food, beverages and tobacco.....	501	4	1	-	506	8,243	16	1,024,741	-	2,025
-wood, wood products and furniture.....	416	5	1	2	424	7,726	18	1,152,928	n.a.	2,732
-non-metallic mineral products.....	95	1	1	1	98	2,491	26	285,635	n.a.	2,945
-basic metal products and fabricated metal products.....	885	2	-	-	887	12,396	14	1,190,473	-	1,342
-transport equipment..	86	1	-	-	87	1,242	14	155,156	-	1,783
-miscellaneous.....	561	3	2	1	567	10,316	18	1,236,722	n.a.	2,185
Total Manufacturing.....	2,544	16	5	4	2,569	42,414	17	5,045,655	206,062	1,967
Electricity, gas and water.....	770	-	-	-	770	17,904	23	1,118,460	-	1,453
Construction.....	843	4	3	2	852	15,240	18	1,715,987	n.a.	2,019
Wholesale and retail trade.....	1,170	11	2	-	1,183	20,598	17	1,649,211	-	1,394
Transport, storage and communication.....	476	2	1	1	480	11,845	25	932,714	n.a.	1,947
Finance, property and business services.....	95	-	-	-	95	1,690	18	152,383	-	1,604
Public administration and defence.....	334	2	-	2	338	6,231	19	703,697	n.a.	2,094
Community services.....	1,026	2	1	-	1,029	22,831	22	1,892,167	-	1,839
Recreation, personal and other services.....	332	6	-	-	338	6,584	19	412,634	-	1,221
All industries.....	9,019	47	15	9	9,090	170,803	19	16,428,332	434,456	1,809

(a) Temporary and permanent partial disability accidents/cases.



TABLE 3 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY AGENCY OF ACCIDENT 1986-87

Industry	Agency of accident							Total all agencies
	Machinery	Lifting equipment and means of transport	Other equipment	Chemicals and other materials and substances	Working environment	Other agency, nec	Agency not identified	
Agriculture, forestry, fishing and hunting.....	77	77	120	217	167	69	13	740
Mining.....	82	79	116	256	142	5	16	696
Manufacturing of								
-food, beverages and tobacco	44	41	159	144	55	54	9	506
-wood, wood products and furniture.....	41	24	75	221	58	2	3	424
-non-metallic mineral products.....	3	20	15	47	10	1	2	98
-basic metal products and fabricated metal products...	47	81	236	406	96	3	18	887
-transport equipment.....	10	5	16	47	4	-	5	87
-miscellaneous.....	64	52	111	250	71	4	15	567
Total Manufacturing.....	209	223	612	1,115	294	64	52	2,569
Electricity, gas and water....	59	76	181	298	136	7	13	770
Construction.....	36	58	252	380	105	7	14	852
Wholesale and retail trade....	80	159	254	543	99	31	17	1,183
Transport, storage and communication.....	13	130	90	160	64	10	13	480
Finance, property and business services.....	7	27	17	22	14	4	4	95
Public administration and defence.....	27	49	79	100	67	9	7	338
Community services.....	21	136	216	163	191	258	44	1,029
Recreation, personal and other services.....	14	19	88	113	74	19	11	338
All industries.....	625	1,033	2,025	3,367	1,353	483	204	9,090



TABLE 4 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY TYPE OF ACCIDENT 1986-87

Industry	Type of accident					
	Fall of a person	Falling object or substance	Stepping on, striking against, or struck by an object	Caught in or between object (s)	Over-exertion or physical stress movement	Exposure to or contact with extreme temperature
Agriculture, forestry, fishing and hunting.....	151	25	276	36	180	11
Mining.....	145	34	238	47	170	9
Manufacturing of						
-food, beverages and tobacco	76	15	223	35	115	17
-wood, wood products and furniture.....	69	16	188	25	109	3
-non-metallic mineral products.....	17	5	24	17	27	-
-basic metal products and fabricated metal products...	150	18	286	71	236	54
-transport equipment.....	6	-	31	8	24	2
-miscellaneous.....	110	19	141	64	157	20
Total Manufacturing.....	428	73	893	220	668	96
Electricity, gas and water....	173	47	218	45	209	16
Construction.....	167	41	312	37	229	16
Wholesale and retail trade....	180	44	458	75	302	29
Transport, storage and communication.....	122	17	106	26	149	11
Finance, property and business services.....	19	1	33	1	21	-
Public administration and defence.....	73	20	76	18	123	4
Community services.....	237	16	200	37	420	25
Recreation, personal and other services.....	96	7	98	7	81	17
All industries.....	1,791	325	2,908	549	2,552	234

TABLE 4 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY TYPE OF ACCIDENT 1986-87-Continued

Industry	Type of accident					All accident types
	Contact with electric current	Exposure to or contact with harmful substance or radiation	Explosion and implosion	Other types of accident, n.e.c.		
Agriculture, forestry, fishing and hunting.....	1	18	2	40	13	740
Mining.....	-	20	2	31	16	696
Manufacturing of						
-food, beverages and tobacco	-	11	-	14	9	506
-wood, wood products and furniture.....	-	6	-	8	3	424
-non-metallic mineral products.....	-	5	-	3	2	98
-basic metal products and fabricated metal products...	-	49	1	22	18	887
-transport equipment.....	-	12	1	3	15	87
-miscellaneous.....	1	34	-	21	15	567
Total Manufacturing.....	1	117	2	71	52	2,569
Electricity, gas and water....	2	28	-	32	13	770
Construction.....	3	25	2	20	14	852
Wholesale and retail trade....	-	28	-	67	27	1,183
Transport, storage and communication.....	-	10	1	38	13	480
Finance, property and business services.....	2	1	-	17	15	95
Public administration and defence.....	-	5	-	19	3	338
Community services.....	2	13	2	77	44	1,029
Recreation, personal and other services.....	1	17	1	13	11	338
All industries.....	12	282	12	425	204	9,090



TABLE 5 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY NATURE OF INJURY 1986-87

Industry	Nature of injury					Total
	Fracture	Dislocation	Sprains & strains	Concussion and other intracranial injury	Internal injury of chest, abdomen and pelvis	
Agriculture, forestry, fishing and hunting.....	70	7	271	5	3	146
Mining.....	24	1	288	3	1	84
Manufacturing of						
-food, beverages and tobacco.....	26	2	155	1	3	191
-wood, wood products and furniture....	30	2	153	3	1	93
-non-metallic mineral products.....	9	-	44	1	-	13
-basic metal products and fabricated metal products.....	37	2	362	3	2	118
-transport equipment.....	1	-	26	-	1	20
-miscellaneous.....	46	1	216	3	4	89
Total Manufacturing.....	149	7	956	9	11	524
Electricity, gas and water.....	36	2	309	2	-	122
Construction.....	63	4	327	2	3	164
Wholesale and retail trade.....	70	4	433	8	7	312
Transport, storage and communication....	33	2	258	-	3	47
Finance, property and business services.	7	1	37	1	1	14
Public administration and defence.....	16	1	176	1	-	38
Community services.....	49	3	613	2	4	106
Recreation, personal and other services.	29	5	130	1	4	67
All industries.....	546	37	3,798	34	37	1,624

TABLE 4 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY TYPE OF ACCIDENT 1986-87-Continued

TABLE 5 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY NATURE OF INJURY 1986-87-Continued

Industry	Nature of injury					
	Superficial injury	Contusion with intact skin surface and crushing injury	Burns	Poisonings	Effects of weather, exposure and related conditions	Asphyxia
Agriculture, forestry, fishing and hunting.....	42	154	18	7	-	-
Mining.....	62	200	21	4	2	-
Manufacturing of						
-food, beverages and tobacco.....	14	72	25	2	1	-
-wood, wood products and furniture....	28	102	8	2	-	-
-non-metallic mineral products.....	2	24	4	-	-	-
-basic metal products and fabricated metal products.....	58	200	91	7	-	-
-transport equipment.....	11	9	12	1	1	-
-miscellaneous.....	32	110	35	9	1	3
Total Manufacturing.....	145	517	175	21	3	3
Electricity, gas and water.....	46	198	37	3	-	-
Construction.....	80	154	35	4	-	1
Wholesale and retail trade.....	86	202	45	3	-	-
Transport, storage and communication....	23	86	14	2	2	1
Finance, property and business services.	5	24	1	-	-	-
Public administration and defence.....	14	75	8	-	-	-
Community services.....	33	169	32	1	-	-
Recreation, personal and other services.	12	48	29	1	-	-
All industries.....	548	1,827	415	46	7	5



TABLE 5 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY NATURE OF INJURY 1986-87-Continued

Industry	Nature of injury				Total disease cases
	Effects of electric current	Multiple injuries	Other and unspecified injuries	All injuries	
Agriculture, forestry, fishing and hunting.....	-	-	-	723	17
Mining.....	-	-	2	692	4
Manufacturing of					
-food, beverages and tobacco.....	-	1	1	493	13
-wood, wood products and furniture....	-	-	1	423	1
-non-metallic mineral products.....	-	-	1	97	1
-basic metal products and fabricated metal products.....	-	-	1	881	6
-transport equipment.....	-	-	-	82	5
-miscellaneous.....	-	1	3	553	14
Total Manufacturing.....	-	2	7	2,529	40
Electricity, gas and water.....	1	4	1	761	9
Construction.....	1	-	2	840	12
Wholesale and retail trade.....	-	-	-	1,170	13
Transport, storage and communication....	-	-	-	471	9
Finance, property and business services.	2	-	-	93	2
Public administration and defence.....	-	2	-	331	7
Community services.....	-	4	1	1,017	12
Recreation, personal and other services.	-	-	-	326	12
All industries.....	4	12	13	8,953	137

TABLE 6 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY OCCURRENCE OF ACCIDENT BY RESULT 1986-87

Industry	Occurrence of accident by result											
	During meal break or other work break		Road traffic accident in course of employment		Other (arising out of or in course of employment)		Away from work during recess period		Travelling to or from work or other prescribed journey		Total accidents	
	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal
Agriculture, forestry, fishing and hunting.....	9	-	5	-	709	-	1	-	16	-	740	-
Mining.....	-	-	3	-	685	-	1	-	7	-	696	-
Manufacturing of												
-food, beverages and tobacco	2	-	1	-	490	-	-	-	13	-	506	-
-wood, wood products and furniture.....	4	-	-	-	411	2	2	-	5	-	422	2
-non-metallic mineral products.....	-	-	-	-	96	1	-	-	1	-	97	1
-basic metal products and fabricated metal products...	4	-	-	-	856	-	1	-	26	-	887	-
-transport equipment.....	1	-	-	-	83	-	-	-	3	-	87	-
-miscellaneous.....	6	-	2	-	540	-	1	-	17	1	566	1
Total Manufacturing.....	17	-	3	-	2,476	3	4	-	65	1	2,565	4
Electricity, gas and water....	4	-	5	-	746	-	1	-	14	-	770	-
Construction.....	11	-	-	-	825	-	2	-	12	2	850	2
Wholesale and retail trade....	10	-	9	-	1,105	-	3	-	56	-	1,183	-
Transport, storage and communication.....	8	-	10	-	447	-	1	-	13	1	479	1
Finance, property and business services.....	1	-	2	-	77	-	-	-	15	-	95	-
Public administration and defence.....	5	-	1	-	315	-	-	-	15	2	336	2
Community services.....	12	-	8	-	923	-	1	-	85	-	1,029	-
Recreation, personal and other services.....	2	-	1	-	322	-	-	-	13	-	338	-
All industries.....	79	-	47	-	8,630	3	14	-	311	6	9,081	9



TABLE 7.: INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY MONTH OF OCCURRENCE 1986-87

Industry	Month of occurrence												Total accidents
	July	August	September	October	November	December	January	February	March	April	May	June	
Agriculture, forestry, fishing and hunting...	42	51	66	63	63	53	61	68	83	58	62	70	740
Mining.....	60	64	70	54	50	57	60	50	76	48	52	55	696
Manufacturing of													
-food, beverages and tobacco.....	32	32	20	37	48	38	54	48	46	50	61	40	506
-wood, wood products and furniture.....	59	40	37	41	32	31	26	32	34	29	32	31	424
-non-metallic mineral products.....	6	16	11	7	6	8	6	5	11	8	8	6	98
-basic metal products and fabricated metal products.....	102	88	85	85	48	67	63	57	71	72	72	77	887
-transport equipment..	5	5	2	9	6	6	1	8	12	10	11	12	87
-miscellaneous.....	46	59	40	59	45	36	27	47	58	50	47	53	567
Total Manufacturing.....	250	240	195	238	185	186	177	197	232	219	231	219	2,569
Electricity, gas and water.....	93	65	65	61	62	59	56	62	75	51	65	56	770
Construction.....	73	83	74	72	74	61	62	75	82	62	76	58	852
Wholesale and retail trade.....	119	114	115	99	110	80	74	92	96	91	102	91	1,183
Transport, storage and communication.....	44	41	44	55	30	40	31	44	47	40	30	34	480
Finance, property and business services.....	7	8	6	8	10	8	9	6	14	5	6	8	95
Public administration and defence.....	42	31	39	19	25	16	14	31	41	26	27	27	338
Community services.....	105	94	78	67	81	78	62	91	97	94	97	85	1,029
Recreation, personal and other services.....	31	32	30	27	34	23	27	27	28	31	29	19	338
All industries.....	866	823	782	763	724	661	633	743	871	725	777	722	9,090



TABLE 8 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY TYPE OF ACCIDENT  
BY AGENCY OF ACCIDENT BY RESULT 1986-87

Type of accident	Agency of accident by result															
	Machinery		Lifting equipment and means of transport		Other equipment		Chemicals and other materials and substances		Working environment		Other agency, nec		Agency not identified		Total all agencies	
	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal
<b>MALES</b>																
Fall of a person.....	50	-	195	-	254	-	198	-	792	-	24	-	2	-	1515	-
Falling object or substance...	12	-	17	-	34	-	189	-	42	1	5	-	-	-	299	1
Stepping on, striking against, or struck by an object.....	220	-	171	-	830	-	1139	-	178	1	89	-	11	-	2638	1
Caught in or between object(s)	113	-	72	-	83	-	211	-	11	-	2	-	2	-	494	-
Over-exertion or physical stress movement.....	144	-	160	-	387	-	1075	-	76	-	130	-	123	-	2095	-
Exposure to or contact with extreme temperature.....	8	-	6	-	67	-	112	-	4	-	-	-	-	-	197	-
Contact with electric current.	-	-	1	-	10	-	1	-	-	-	-	-	-	-	12	-
Exposure to or contact with harmful substance or radiation.....	4	-	1	-	100	-	141	-	2	-	6	-	8	-	262	-
Explosion and implosion.....	-	-	-	-	6	-	4	-	-	-	-	-	-	-	10	-
Other types of accident, n.e.c.....	9	-	241	7	1	-	3	-	9	-	37	-	4	-	304	7
All accident types	560	-	864	7	1772	-	3073	-	1114	2	293	-	150	-	7826	9
<b>FEMALES</b>																
Fall of a person.....	1	-	9	-	29	-	22	-	206	-	4	-	5	-	276	-
Falling object or substance...	1	-	1	-	10	-	13	-	-	-	-	-	-	-	25	-
Stepping on, striking against, or struck by an object.....	32	-	16	-	110	-	82	-	11	-	17	-	1	-	269	-
Caught in or between object(s)	13	-	12	-	23	-	4	-	1	-	1	-	1	-	55	-
Over-exertion or physical stress movement.....	12	-	13	-	74	-	130	-	19	-	164	-	45	-	457	-
Exposure to or contact with extreme temperature.....	5	-	-	-	7	-	25	-	-	-	-	-	-	-	37	-
Exposure to or contact with harmful substance or radiation.....	-	-	-	-	-	-	17	-	-	-	1	-	2	-	20	-
Explosion and implosion.....	1	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-
Other types of accident, n.e.c.....	-	-	111	-	-	-	-	-	-	-	3	-	-	-	114	-
All accident types	65	-	162	-	253	-	294	-	237	-	190	-	54	-	1255	-
<b>PERSONS</b>																
Fall of a person.....	51	-	204	-	283	-	220	-	998	-	28	-	7	-	1791	-
Falling object or substance...	13	-	18	-	44	-	202	-	42	1	5	-	-	-	324	1
Stepping on, striking against, or struck by an object.....	252	-	187	-	940	-	1221	-	189	1	106	-	12	-	2907	1
Caught in or between object(s)	126	-	84	-	106	-	215	-	12	-	3	-	3	-	549	-
Over-exertion or physical stress movement.....	156	-	173	-	461	-	1205	-	95	-	294	-	168	-	2552	-
Exposure to or contact with extreme temperature.....	13	-	6	-	74	-	137	-	4	-	-	-	-	-	234	-
Contact with electric current.	-	-	1	-	10	-	1	-	-	-	-	-	-	-	12	-
Exposure to or contact with harmful substance or radiation.....	4	-	1	-	100	-	158	-	2	-	7	-	10	-	282	-
Explosion and implosion.....	1	-	-	-	6	-	5	-	-	-	-	-	-	-	12	-
Other types of accident, n.e.c.....	9	-	352	7	1	-	3	-	9	-	40	-	4	-	418	7
All accident types	625	-	1026	7	2025	-	3367	-	1351	2	483	-	204	-	9081	9



TABLE 9 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY NATURE OF INJURY  
BY TYPE OF ACCIDENT 1986-87

Nature of injury or total disease cases	Type of accident					
	Fall of a person	Falling object or substance	Stepping on, striking against, or struck by an object	Caught in or between object (s)	Over-exertion or physical stress movement	Exposure to or contact with extreme temperature
<b>Nature of injury</b>						
Fracture.....	190	57	154	77	12	-
Dislocation.....	9	-	4	2	21	-
Sprains & strains.....	1,002	48	185	34	2,369	1
Concussion and other intracranial injury.....	6	4	19	-	-	-
Internal injury of chest, abdomen and pelvis.....	3	-	2	1	30	-
Open wound.....	105	48	1,252	172	6	-
Superficial injury.....	15	1	457	4	1	10
Contusion with intact skin surface and crushing injury.....	449	166	809	259	54	1
Burns.....	4	1	4	-	-	217
Poisonings.....	-	-	2	-	-	1
Effects of weather, exposure and related conditions...	-	-	-	-	-	1
Asphyxia.....	-	-	-	-	-	-
Effects of electric current.	-	-	-	-	-	-
Multiple injuries.....	1	-	1	-	-	-
Other and unspecified injuries.....	-	-	2	-	-	-
<b>All injuries.....</b>	<b>1,784</b>	<b>325</b>	<b>2,891</b>	<b>549</b>	<b>2,493</b>	<b>231</b>
<b>Disease cases</b>						
<b>Total disease cases...</b>	<b>7</b>	<b>-</b>	<b>17</b>	<b>-</b>	<b>59</b>	<b>3</b>

TABLE 9 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY NATURE OF INJURY  
BY TYPE OF ACCIDENT 1986-87-Continued

Nature of injury or total disease cases	Type of accident				
	Contact with electric current	Exposure to or contact with harmful substance or radiation	Explosion and implosion	Other types of accident, n.e.c.	All accident types
<u>Nature of injury</u>					
Fracture.....	1	-	-	55	546
Dislocation.....	-	-	-	1	37
Sprains & strains.....	-	-	-	159	3,798
Concussion and other intracranial injury.....	-	-	-	5	34
Internal injury of chest, abdomen and pelvis.....	-	-	-	1	37
Open wound.....	-	-	1	40	1,624
Superficial injury.....	-	20	1	39	548
Contusion with intact skin surface and crushing injury.....	1	-	-	88	1,827
Burns.....	6	176	6	1	415
Poisonings.....	-	36	1	6	46
Effects of weather, exposure and related conditions...	-	2	1	3	7
Asphyxia.....	-	3	1	1	5
Effects of electric current.	4	-	-	-	4
Multiple injuries.....	-	-	-	10	12
Other and unspecified injuries.....	-	-	-	11	13
All injuries.....	12	237	11	420	8,953
Disease cases					
Total disease cases....	-	45	1	5	137



TABLE 10 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY NATURE OF INJURY  
BY SITE OF INJURY BY RESULT 1986-87

Nature of injury or total disease cases	Site of injury by result															
	Head		Neck		Trunk		Upper limbs		Lower limbs		Multiple locations		General locations		Total accidents	
	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal
<b>Nature of injury</b>																
Fracture.....	17	-	5	-	64	-	275	-	181	-	3	-	1	-	546	-
Dislocation.....	-	-	-	-	16	-	10	-	11	-	-	-	-	-	37	-
Sprains & strains...	1	-	258	-	1,849	-	818	-	855	-	17	-	-	-	3,798	-
Concussion & other intracranial injury.....	31	2	-	-	-	-	-	-	-	-	-	-	1	-	32	2
Internal injury ..	-	-	-	-	37	-	-	-	-	-	-	-	-	-	37	-
Open wound.....	158	-	1	-	9	-	1,234	-	207	-	15	-	-	-	1,624	-
Superficial injury..	408	-	2	-	7	-	97	-	23	-	9	-	2	-	548	-
Contusion/crushing..	83	1	21	-	251	1	746	-	673	-	50	-	1	-	1,825	2
Burns.....	165	-	6	-	15	-	149	-	72	-	8	-	-	-	415	-
Poisonings.....	4	-	2	-	4	-	5	-	3	-	1	-	27	-	46	-
Weather/exposure ..	5	-	-	-	1	-	-	-	-	-	-	-	1	-	7	-
Asphyxia.....	-	-	1	-	2	-	-	-	-	-	-	-	1	1	4	1
Electrical current..	-	-	-	-	-	-	3	-	-	-	1	-	-	-	4	-
Multiple injuries...	-	-	-	-	-	-	-	-	-	-	9	2	-	1	9	3
Other and unspecified injuries.....	3	-	-	-	-	-	1	-	-	-	2	-	6	1	12	1
<b>All injuries</b>	<b>875</b>	<b>3</b>	<b>296</b>	<b>-</b>	<b>2,255</b>	<b>1</b>	<b>3,338</b>	<b>-</b>	<b>2,025</b>	<b>-</b>	<b>115</b>	<b>2</b>	<b>40</b>	<b>3</b>	<b>8,944</b>	<b>9</b>
<b>Disease cases</b>																
<b>Total disease cases....</b>	<b>7</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>8</b>	<b>-</b>	<b>101</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>137</b>	<b>-</b>



TABLE 11 : INDUSTRIAL ACCIDENTS : DURATION OF LEAVE BY SEX  
BY EXTENT OF DISABILITY BY NUMBER AND DURATION OF LEAVE 1986-87

Duration of leave (a)	Males				Females				Persons			
	Extent of disability											
	Temporary		Permanent partial		Temporary		Permanent partial		Temporary		Permanent partial	
	Number	Time Lost (days)	Number	Time Lost (days)	Number	Time Lost (days)	Number	Time Lost (days)	Number	Time Lost (days)	Number	Time Lost (days)
1 day but under 1 week.....	3,876	12,285	2	9	565	1,720	-	-	4,441	14,005	2	9
1 week but under 2 weeks.....	1,715	16,718	4	49	288	2,699	1	12	2,003	19,417	5	61
2 weeks but under 4 weeks.....	1,088	20,712	3	54	191	3,705	2	35	1,279	24,417	5	89
4 weeks but under 6 weeks.....	442	14,884	6	202	62	2,087	1	38	504	16,971	7	240
6 weeks but under 8 weeks.....	204	9,751	1	44	40	1,908	1	52	244	11,659	2	96
8 weeks but under 13 weeks....	219	15,317	4	301	42	2,942	1	83	261	18,259	5	384
13 weeks but under 26 weeks...	140	17,726	7	967	29	3,557	2	321	169	21,283	9	1,288
26 weeks but under 52 weeks...	70	17,457	4	959	18	4,193	2	434	88	21,650	6	1,393
52 weeks but under 104 weeks..	19	8,164	3	1,918	6	2,357	-	-	25	10,521	3	1,918
104 weeks but under 156 weeks..	3	2,190	1	730	1	730	-	-	4	2,920	1	730
156 weeks and more.....	-	-	1	1,299	1	1,099	1	1,095	1	1,099	2	2,394
Total.....	7,776	135,204	36	6,532	1,243	26,997	11	2,070	9,019	162,201	47	8,602

(a) Temporary and permanent partial disability accidents/cases.



TABLE 12 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY AGENCY AND  
TYPE OF ACCIDENT BY SEX BY RESULT AND TIME LOST 1986-87

Agency of accident then Type of accident	Males			Females			Persons		
	Non- fatal	Fatal	Time Lost (days)	Non- fatal	Fatal	Time Lost (days)	Non- fatal	Fatal	Time Lost (days)
Machinery.....	560	-	12,827	65	-	1,058	625	-	13,885
Lifting equipment and means of transport.....	864	7	22,096	162	-	4,345	1,026	7	26,441
Other equipment.....	1,772	-	28,992	253	-	4,668	2,025	-	33,660
Chemicals and other materials and substances.....	3,073	-	47,209	294	-	5,617	3,367	-	52,826
Working environment.....	1,114	2	21,732	237	-	6,351	1,351	2	28,083
Other agency, nec.....	293	-	5,630	190	-	5,772	483	-	11,402
Agency not identified.....	150	-	3,250	54	-	1,256	204	-	4,506
TOTAL ALL AGENCIES.....	7,826	9	141,736	1,255	-	29,067	9,081	9	170,803
Fall of a person .....	1,515	-	32,395	276	-	8,238	1,791	-	40,633
Falling object or substance.....	299	1	7,687	25	-	968	324	1	8,655
Stepping on, striking against, or struck by an object.....	2,638	1	33,736	269	-	3,988	2,907	1	37,724
Caught in or between object(s).....	494	-	9,796	55	-	747	549	-	10,543
Over-exertion or physical stress movement.....	2,095	-	42,996	457	-	11,251	2,552	-	54,247
Exposure to or contact with extreme temperature.....	197	-	1,889	37	-	330	234	-	2,219
Contact with electric current.....	12	-	216	-	-	-	12	-	216
Exposure to or contact with harmful substance or radiation.....	262	-	2,668	20	-	178	282	-	2,846
Explosion and implosion.....	10	-	165	2	-	12	12	-	177
Other types of accident, n.e.c.....	304	7	10,188	114	-	3,355	418	7	13,543
All accident types.....	7,826	9	141,736	1,255	-	29,067	9,081	9	170,803



TABLE 13 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY NATURE OF INJURY  
BY SEX BY AGENCY OF ACCIDENT 1986-87

Nature of injury or total disease cases	Machinery	Lifting equipment and means of transport	Other equipment	Chemicals and other materials and substances	Working environment	Other agency, nec	Agency not identified	Total all agencies
<b>MALES</b>								
<u>Nature of injury</u>								
Fracture.....	31	94	90	161	75	20	-	471
Dislocation.....	2	2	4	11	6	2	3	30
Sprains & strains.....	181	404	524	1,205	565	143	117	3,139
Concussion and other intracranial injury	-	7	3	10	8	2	-	30
Internal injury of chest, abdomen and pelvis.....	2	-	5	22	1	3	2	35
Open wound.....	173	77	601	466	108	38	4	1,467
Superficial injury.....	37	19	80	323	35	27	3	524
Contusion with intact skin surface and crushing injury.....	115	235	281	620	295	35	9	1,590
Burns.....	11	6	161	183	5	3	2	371
Poisonings.....	-	-	7	25	-	5	3	40
Effects of weather, exposure and related conditions.....	1	-	2	-	4	-	-	7
Asphyxia.....	-	1	1	2	-	1	-	5
Effects of electric current.....	-	1	2	1	-	-	-	4
Multiple injuries.....	-	9	-	-	-	-	-	9
Other and unspecified injuries.....	1	8	1	-	-	-	1	11
<b>All injuries</b>	<b>554</b>	<b>863</b>	<b>1,762</b>	<b>3,029</b>	<b>1,102</b>	<b>279</b>	<b>144</b>	<b>7,733</b>
<b>Disease cases</b>								
<b>Total disease cases.....</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>44</b>	<b>14</b>	<b>14</b>	<b>6</b>	<b>102</b>
<b>FEMALES</b>								
<u>Nature of injury</u>								
Fracture.....	4	22	9	7	28	4	1	75
Dislocation.....	-	-	2	3	2	-	-	7
Sprains & strains.....	13	76	83	145	126	171	45	659
Concussion and other intracranial injury	-	-	2	2	-	-	-	4
Internal injury of chest, abdomen and pelvis.....	-	1	1	-	-	-	-	2
Open wound.....	30	10	72	30	11	3	1	157
Superficial injury.....	1	2	3	11	6	1	-	24
Contusion with intact skin surface and crushing injury.....	9	46	62	50	59	9	2	237
Burns.....	6	-	7	31	-	-	-	44
Poisonings.....	-	-	-	5	-	1	-	6
Multiple injuries.....	-	3	-	-	-	-	-	3
Other and unspecified injuries.....	-	2	-	-	-	-	-	2
<b>All injuries</b>	<b>63</b>	<b>162</b>	<b>241</b>	<b>284</b>	<b>232</b>	<b>189</b>	<b>49</b>	<b>1,220</b>
<b>Disease cases</b>								
<b>Total disease cases.....</b>	<b>2</b>	<b>-</b>	<b>12</b>	<b>10</b>	<b>5</b>	<b>1</b>	<b>5</b>	<b>35</b>
<b>PERSONS</b>								
<u>Nature of injury</u>								
Fracture.....	35	116	99	168	103	24	1	546
Dislocation.....	2	2	6	14	8	2	3	37
Sprains & strains.....	194	480	607	1,350	691	314	162	3,798
Concussion and other intracranial injury	-	7	5	12	8	2	-	34
Internal injury of chest, abdomen and pelvis.....	2	1	6	22	1	3	2	37
Open wound.....	203	87	673	496	119	41	5	1,624
Superficial injury.....	38	21	83	334	41	28	3	548
Contusion with intact skin surface and crushing injury.....	124	281	343	670	354	44	11	1,827
Burns.....	17	6	168	214	5	3	2	415
Poisonings.....	-	-	7	30	-	6	3	46
Effects of weather, exposure and related conditions.....	1	-	2	-	4	-	-	7
Asphyxia.....	-	1	1	2	-	1	-	5
Effects of electric current.....	-	1	2	1	-	-	-	4
Multiple injuries.....	-	12	-	-	-	-	-	12
Other and unspecified injuries.....	1	10	1	-	-	-	1	13
<b>All injuries</b>	<b>617</b>	<b>1,025</b>	<b>2,003</b>	<b>3,313</b>	<b>1,334</b>	<b>468</b>	<b>193</b>	<b>8,953</b>
<b>Disease cases</b>								
<b>Total disease cases.....</b>	<b>8</b>	<b>8</b>	<b>22</b>	<b>54</b>	<b>19</b>	<b>15</b>	<b>11</b>	<b>137</b>



TABLE 14 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY INDUSTRY GROUP  
BY SEX BY AGE GROUP 1986-87

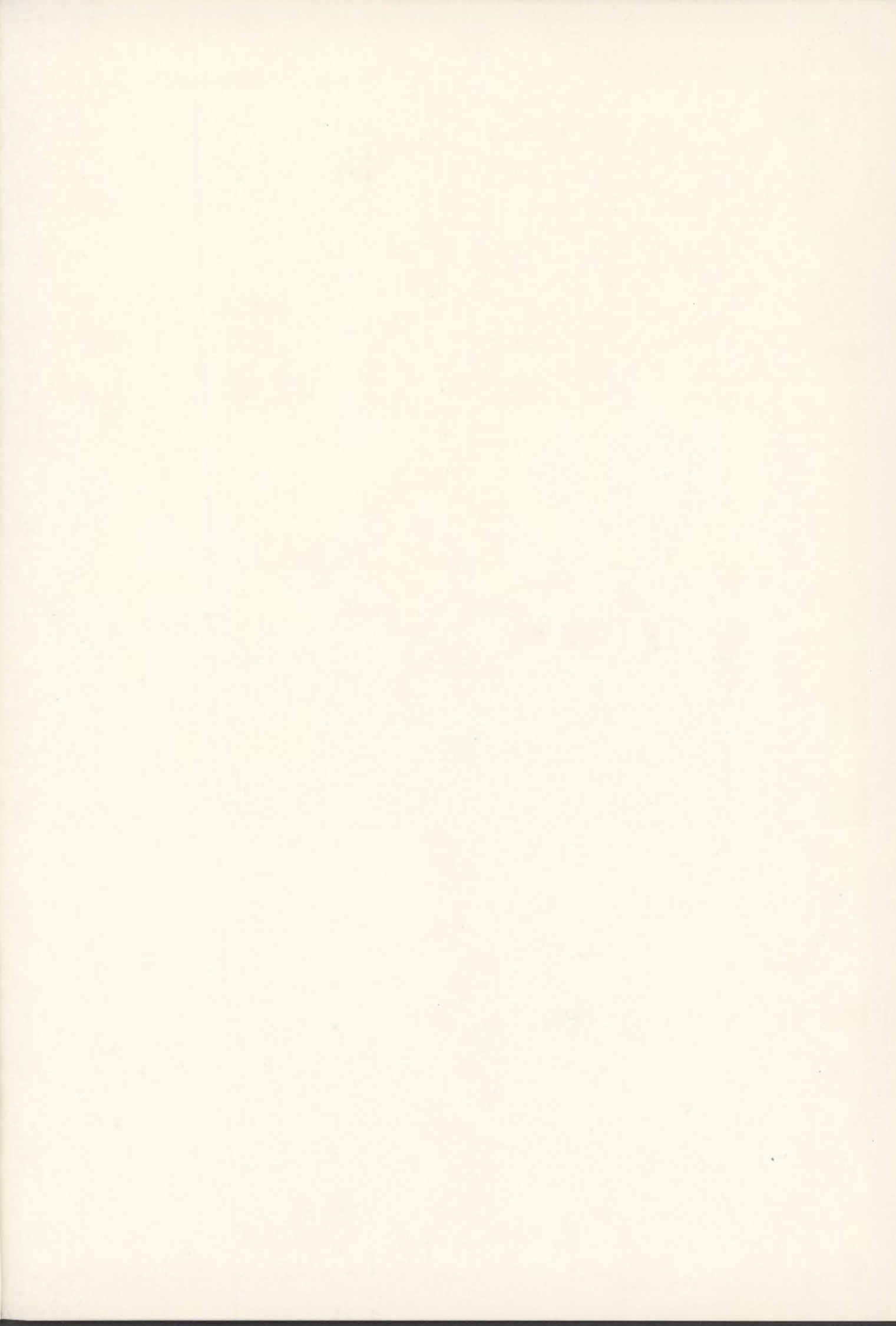
Industry group	Under 20	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 & over	Age not stated	Total
<b>MALES</b>													
Agriculture, forestry, fishing and hunting.....	84	132	110	81	72	65	45	33	22	9	-	24	677
Mining.....	32	124	145	154	93	61	38	14	11	1	-	21	694
Manufacturing of													
-food, beverages and tobacco.....	77	102	67	52	35	26	11	19	15	5	1	4	414
-wood, wood products and furniture....	58	73	72	52	44	32	26	11	20	7	-	26	421
-non-metallic mineral products.....	6	9	20	16	13	10	7	6	7	-	-	4	98
-basic metal products and fabricated metal products.....	97	195	186	129	104	58	44	34	17	11	-	8	883
-transport equipment.....	11	33	12	6	4	3	1	1	1	-	-	4	76
-miscellaneous.....	65	83	72	66	50	36	30	30	28	7	-	8	475
Total Manufacturing.....	314	495	429	321	250	165	119	101	88	30	1	54	2,367
Electricity, gas and water.....	54	181	131	117	68	54	50	29	40	19	-	13	756
Construction.....	105	171	162	116	85	72	46	25	23	5	1	33	844
Wholesale and retail trade.....	207	245	163	106	68	59	33	26	31	14	-	42	994
Transport, storage and communication....	28	43	52	70	65	50	41	51	28	10	1	27	466
Finance, property and business services.	7	11	8	5	7	7	1	4	2	-	-	2	54
Public administration and defence.....	6	45	52	53	38	29	22	18	17	10	-	21	311
Community services.....	27	73	61	77	61	40	37	38	20	18	1	19	472
Recreation, personal and other services.	27	40	36	24	22	13	8	11	10	1	-	8	200
All industry groups.....	891	1,560	1,349	1,124	829	615	440	350	292	117	4	264	7,835
<b>FEMALES</b>													
Agriculture, forestry, fishing and hunting.....	18	15	9	4	8	3	2	-	1	-	-	3	63
Mining.....	-	-	-	1	-	1	-	-	-	-	-	-	2
-wood, wood products and furniture....	11	20	15	7	13	8	6	5	4	-	-	3	92
-non-metallic mineral products.....	2	-	1	-	-	-	-	-	-	-	-	-	3
-transport equipment.....	-	1	-	2	1	-	-	-	-	-	-	1	11
-miscellaneous.....	2	2	-	2	-	2	-	1	1	-	-	1	12
Total Manufacturing.....	18	19	12	7	8	11	8	4	3	-	1	5	92
Electricity, gas and water.....	33	42	28	18	22	21	14	10	8	-	-	1	202
Construction.....	1	1	2	2	2	2	2	1	-	-	-	1	14
Wholesale and retail trade.....	2	3	-	-	-	1	-	-	-	-	-	-	8
Transport, storage and communication....	80	33	18	11	10	17	9	4	1	-	-	5	189
Finance, property and business services.	1	2	5	2	6	2	2	1	1	-	-	3	41
Public administration and defence.....	6	10	5	5	6	2	2	3	2	-	-	3	27
Community services.....	27	77	84	59	77	58	53	53	35	12	1	21	557
Recreation, personal and other services.	22	36	18	13	13	11	13	6	3	-	1	2	138
All industry groups.....	192	222	173	116	143	122	97	78	53	12	4	43	1,255
<b>PERSONS</b>													
Agriculture, forestry, fishing and hunting.....	102	147	119	85	80	68	47	33	23	9	-	27	740
-wood, wood products and furniture....	32	124	145	155	93	62	38	14	11	1	-	21	696
-non-metallic mineral products.....	88	122	82	59	48	34	17	24	19	5	1	7	506
-basic metal products and fabricated metal products.....	60	73	73	52	44	32	26	11	20	7	-	26	424
-transport equipment.....	6	9	20	16	13	10	7	6	7	-	-	4	98
-miscellaneous.....	97	196	186	131	105	58	44	34	17	11	-	8	887
-transport equipment.....	13	35	12	8	4	5	1	2	2	-	-	5	87
-miscellaneous.....	83	102	84	73	58	47	38	34	31	7	1	9	567
Total Manufacturing.....	347	537	457	339	272	186	133	111	96	30	2	59	2,569
Electricity, gas and water.....	55	182	133	119	70	56	52	30	40	19	-	14	770
Construction.....	107	174	162	116	85	73	46	25	25	5	1	33	852
Wholesale and retail trade.....	287	278	181	117	78	76	42	30	32	14	1	47	1,183
Transport, storage and communication....	29	45	57	72	67	52	41	51	28	10	1	27	480
Finance, property and business services.	13	21	13	10	13	9	3	5	3	-	-	5	95
Public administration and defence.....	8	48	56	54	41	33	24	21	19	10	-	24	338
Community services.....	54	150	145	136	138	98	90	91	55	30	2	40	1,029
Recreation, personal and other services.	49	76	54	37	35	24	21	17	13	1	1	10	338
All industry groups.....	1,083	1,782	1,522	1,240	972	737	537	428	345	129	8	307	9,090



TABLE 15 : INDUSTRIAL ACCIDENTS : NUMBER OF ACCIDENTS BY OCCUPATION GROUP  
BY AGENCY OF ACCIDENT BY RESULT 1986-87

Occupation group	Agency of accident by result															
	Machinery		Lifting equipment and means of transport		Other equipment		Chemicals and other materials and substances		Working environment		Other agency, nec		Agency not identified		Total all agencies	
	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal
Professional, technical & related workers.....	5	-	50	1	46	-	45	-	70	1	130	-	15	-	361	2
Administrative, executive & managerial workers.....	4	-	11	1	18	-	29	-	9	-	3	-	-	-	74	1
Clerical workers.....	2	-	46	-	42	-	26	-	30	-	5	-	9	-	160	-
Sales workers.....	14	-	58	-	44	-	102	-	45	-	5	-	7	-	275	-
Farmers, fishermen, timber getters & related workers...	71	-	76	-	154	-	212	-	194	1	69	-	11	-	787	1
Miners, quarrymen and related workers.....	69	-	47	-	62	-	204	-	114	-	4	-	11	-	511	-
Workers in transport & communications occupations..	21	-	162	1	62	-	163	-	68	-	7	-	8	-	491	1
Tradesmen, production-process workers & labourers n.e.c....	419	-	492	4	1,391	-	2,375	-	619	-	109	-	101	-	5,506	4
Service, sport and recreation workers.....	20	-	84	-	205	-	211	-	202	-	151	-	42	-	915	-
Members of armed services.....	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-
All occupations.....	625	-	1,026	7	2,025	-	3,367	-	1,351	2	483	-	204	-	9,081	9





Cat. No.	Publication	Latest issue (b)	Date of issue
GENERAL			
1101.6	Index of Towns, Localities and Standard Area Codes irr .. ..	1985	February 1986
1301.6	Tasmanian Year Book (\$ 19.50; \$ 22.70) posted) a .. ..	1986	28-10-1986
1302.6	Pocket Year Book of Tasmania (\$4.20) a .. ..	1987	7- 9-1987
1303.6	Tasmanian Statistical Indicators m (\$5.00) .. ..	July 1988	29- 7-1988
1305.6	Tasmania at a Glance a .. ..	1988	29- 1-1988
DEMOGRAPHY AND SOCIAL			
2201.6	Census 86 : Characteristics of Persons in Hobart Suburbs ..	30 June 1986	31- 8-1987
2202.6	Census 86 : Characteristics of Persons in Launceston Suburbs ..	30 June 1986	30- 9-1987
2203.6	Census 86 : Characteristics of Persons in Burnie and Devonport Suburbs and Surrounding Areas .. ..	30 June 1986	30-10-1987
2401.6	Census 86: Characteristics of the Population and Dwellings in Local Government Areas .. ..	30 June 1986	13- 8-1987
3203.6	Age Distribution of the Estimated Resident Population in Local Government Areas, Tasmania .. ..	30 June 1981	30- 8-1983
3204.6	Population Statistics a (\$5.00) .. ..	1987	4- 5-1988
3302.6	Divorces a .. ..	1986	30- 9-1987
3303.6	Births a .. ..	1986	16-10-1987
3304.6	Deaths a .. ..	1986	11-12-1987
3305.6	Marriages a .. ..	1986	12- 8-1987
4101.6	Social Report irr (\$3.00; \$4.20 posted) .. ..	1985	11- 9-1985
4102.6	Public Library Usage, Tasmania April 1987 irr (\$5.00) .. ..	April 1987	24- 3-1988
4203.6	Tertiary Education a .. ..	1985	11- 9-1986
4220.6	National Schools Statistics, Collection, Tasmania (Preliminary) a (\$5.00) .. ..	1987	10 -5-1988
4503.6	Prison Statistics a .. ..	1985-86	25- 6-1987
4505.6	Children's Court Statistics a .. ..	1986	26- 8-1987
4506.6	Lower Court Statistics a .. ..	1986	8- 9-1987
4507.6	Higher Court Statistics a .. ..	1986	24- 8-1987
FOREIGN TRADE, FINANCE, LABOUR, WAGES AND PRICES			
5402.6	Foreign Trade a .. ..	1986-87	7-12-1987
5501.6	Local Government Finance a (\$1.80) .. ..	1985-86	6- 8-1987
6103.6	Employment, Earnings and other Labour Related Statistics a ..	1985-86	6- 8-1987
6201.6	Labour Force Statistics a .. ..	1985	23- 6-1986
6301.6	Industrial Accident Statistics a .. ..	1985-86	28- 7-1987
6402.6	Index of Retail Prices of Food in Tasmanian Cities and Towns a (\$2.00)	May 1987	10- 2-1988
AGRICULTURE			
7111.6	Principal Agricultural Commodities, (Preliminary) a (\$3.00) ..	1987-88	22- 6-1988
7112.6	Agriculture Tasmania, irr (\$1.80) .. ..	1965-86	25- 9-1987
7113.6	Agriculture, Tasmania (at a glance brochure) a .. ..	1988	26- 2-1988
7221.6	Livestock and Livestock Products a (\$5.00) .. ..	1986-87	19- 5-1988
7321.6	Crops and Pastures a (\$5.00) .. ..	1986-87	26- 5-1988
7322.6	Fruit a (\$5.00) .. ..	1986-87	19- 4-1988
7411.6	Agricultural Land Use and Selected Inputs a (\$5.00) .. ..	1986-87	13- 5-1988
7501.6	Value of Agricultural Commodities Produced, a .. ..	1986-87	18- 7-1988
INTERSTATE TRADE, MANUFACTURING, TOURIST ACCOMMODATION, RETAIL, MINING AND BUILDING			
8201.6	Census of Manufacturing Establishments, Summary of Operations by Industry Class a .. ..	1984-85	27- 8-1986
8202.6	Census of Manufacturing Establishments, Details of Operations and Small Area Statistics a (\$1.90; \$2.80 posted) ..	1984-85	21-11-1986
8203.6	Sawmilling, Woodchipping, etc. Statistics q (\$2.00) .. ..	Dec qtr 1987	10- 5-1988
8204.6	Domestic Energy and Firewood Usage, Tasmania irr .. ..	1987	14-12-1987
8301.6	Miscellaneous Indicators of Production m (Final issue) ..	December 1987	7- 1-1988
8401.6	Mining a .. ..	1985-86	20-11-1987
8502.6	Trade Statistics, Tasmania a .. ..	1985-86	21- 4-1987
8622.6	Retail Establishments & Selected Service Establishments Details of Operations by Industry Class irr .. ..	1979-80	3- 2-1982
8623.6	Retail Industry : Small Area Statistics, Tasmania irr (\$8.00)	1985-86	12- 5-1988
8624.6	Retail Establishments and Selected Service Establishments Hotels and Accommodation irr .. ..	1979-80	26- 3-1982
8625.6	Retail Establishments and Selected Service Establishments Commodity Sales and Service Takings irr .. ..	1979-80	23- 7-1982
8626.6	Retail Establishments and Selected Service Establishments Industry and Commodity Details by Size of Establishments irr .. ..	1979-80	3- 8-1982
8635.6	Tourist Accommodation q (\$5.00) .. ..	December 1987	19- 4-1988
8637.6	Measures of Tasmanian Tourism irr (\$7.50) .. ..		15- 2-1988
8638.6	Tasmanian Tourism Measures (at a glance) irr .. ..		12- 4-1988
8731.6	Building Approvals m (\$5.00) .. ..	May 1988	18- 7-1988
8741.6	Dwelling Unit Commencements Reported by Approving Auth. m (\$2.00)	March 1988	8- 7-1988
8752.6	Building Activity q (\$5.00) .. ..	Dec qtr 1987	24- 5-1988
8772.6	Construction Industry Survey: Private Sector Construction Establishments, Details Of Operations, Tasmania (\$2.30) irr .. ..	1984-85	3- 4-1987
8780.6	Building and Related Statistics a .. ..	1986-87	4-12-1987
TRANSPORT			
9302.6	Motor Vehicle Census irr .. ..	30 Sept. 1982	13- 7-1983
9303.6	Motor Vehicle Registrations m (\$2.00) .. ..	May 1988	12- 7-1988
9405.6	Road Traffic Accidents Involving Casualties q (\$3.00) .. ..	March 1988	24- 6-1988
9406.6	Road Traffic Accidents Involving Casualties a (\$5.00) .. ..	1987	10- 5-1988

- (a) Publications are free of charge unless a price is shown. The name of each publication is followed by a symbol indicating the frequency of publication as follows: m - monthly, q - quarterly, a - annual, irr - irregular.  
 (b) As at 31 July 1988.

© Commonwealth of Australia 1988

Recommended Retail Price: \$7.50



2063016012878

ISSN 1031-2420